

## PATENT ABSTRACTS OF JAPAN

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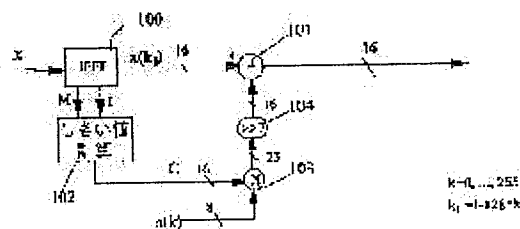
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(54) PEAK REDUCTION IN DISCRETE MULTI-TONE SIGNAL WITHOUT GIVING EFFECT ON TRANSMISSION SIGNAL

(57) Abstract:

PROBLEM TO BE SOLVED: To reduce a peak to average ratio(PAR) in a discrete multi-tone(DMT) signal and to prevent the signal from being distorted.

SOLUTION: This invention provides a method of including a step of generating a predetermined signature waveform and a step of subtracting the predetermined signature waveform from the DMT signal in the region of a signal peak whenever the DMT signal is above a predetermined maximum level, and provides a device for executing the method.



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